



## Foreword

U.S. exports of fruit and vegetable items to offshore markets have increased substantially in the past several years. Each year this lucrative export business attracts many firms whose previous activities were solely confined to domestic marketing. Frequently, many of these firms lack some of the information needed to formulate effective export marketing plans. This publication—the first of a planned series—is an attempt to broaden the informational base for present and potential U.S. exporters of horticultural products.

The information contained in this guide was the most up-to-date available at the time of printing. However, it does not constitute a legal document. As food laws, phytosanitary regulations, and import duties of any country are subject to change, the U.S. exporter should confirm entry requirements with the importing firm or the U.S. Agricultural Attaché in the country of interest.

*Robert S. FitzSimmonds*  
Foreign Market Development  
Fruit and Vegetable Division  
Foreign Agricultural Service

# Contents

	<i>Page</i>
<b>Sweden</b>	
Market profile . . . . .	2
Tables	
Imports . . . . .	3
Trade barriers . . . . .	10
Food laws . . . . .	15
Importers and food firms . . . . .	24
<b>Norway</b>	
Market profile . . . . .	26
Tables	
Imports . . . . .	27
Trade barriers . . . . .	33
Food laws . . . . .	40
Importers and food firms . . . . .	41
<b>Finland</b>	
Market profile . . . . .	43
Tables	
Imports . . . . .	44
Trade barriers . . . . .	47
Food laws . . . . .	51
Importers and food firms . . . . .	53
Assistance for U S exporters . . . . .	54

# Scandinavian Markets for Fresh and Processed Fruits and Vegetables

By Neil Lawrance  
Foreign Market Development  
Fruit and Vegetable Division  
Foreign Agricultural Service

Scandinavia represents a relatively small but stable and important export outlet for U.S. fresh and processed fruit and vegetables. U.S. export sales of these commodities to the Scandinavian area (Sweden, Norway, and Finland) exceeded \$70 million in calendar 1977. On a value basis, the top five U.S. fruit and vegetable export items were: Dried fruit (mainly raisins and prunes), \$19 million, tree nuts (mainly almonds and walnuts), \$12.8 million; fruit and vegetable juices (including citrus juices), \$11.1 million, fresh deciduous fruit, \$7.7 million, and canned fruit, \$4.6 million.

Sweden is generally regarded as a "mature" market with a high level of distribution but little growth among established products. However, Swedish importers are very competitive and are constantly seeking new items that can be marketed profitably. Relatively new items to the Swedish market that appear to have growth potential include corn on the cob, radishes, Chinese cabbage, and other high-priced perishable produce.

Norway possesses many of the same market characteristics as Sweden. However, continued development of petroleum exports has sustained the expansion of the Norwegian economy and its high per capita purchasing power. Norway should continue to be an increasingly attractive market for many horticultural products. Canned and dried fruits, for example, have exhibited considerable recent growth, with imports reaching record high levels in 1976.

In Finland, foreign exchange difficulties, declining disposable incomes brought about by mass unemployment, import licensing, import taxes, and increased competition from other suppliers have been limiting factors to the further growth of U.S. product imports. Finland remains a relatively small market for U.S. horticultural products, with fresh and dried fruits the leading items.

# Sweden: Market Profile

## Population

<b>Size:</b>	8.2 million (1976 estimate).
<b>Annual growth rate:</b>	0.2 percent (1976).
<b>Distribution:</b>	90 percent of inhabitants live in the southern half of Sweden.
<b>Major cities:</b>	Stockholm (capital, population 1.3 million), Gothenburg (691,000), Malmö (454,000).

## Economy

<b>Gross National Product (GNP):</b>	\$74.3 billion (1976)
<b>Annual growth rate:</b>	1.5 percent (1976 in relation to 1975).
<b>Per capita GNP:</b>	\$9,043.
<b>Official exchange rate:</b>	4.66 Swedish kroner=US\$1.00 (January 1978). (Average in 1976: Skr4 35=US\$1.00).

## Foreign Trade

<b>Total agricultural imports:</b>	\$1.69 billion (1976).
<b>Total fruit and vegetable imports:</b>	\$403 million (1976).
<b>Fruit and vegetable imports from the United States:</b>	\$63 million (1976).
<b>Leading U.S. fruit and vegetable items:</b>	Fresh apples, table grapes, fresh citrus, canned peaches and fruit cocktail, citrus juices, prunes, raisins, almonds, and walnuts.
<b>Major competitors:</b>	Fresh fruit—South Africa, Italy, France; citrus—Israel, Spain; canned fruit—Australia, South Africa, dried fruit—Australia, Spain; fresh vegetables—Spain, Italy, Netherlands, canned vegetables—Taiwan.

## Trade Policy

Sweden maintains relatively low specific import duties on most fruit and vegetable items. Some representative rates are as follows: Fresh fruits and vegetables, free-100kr/100kg, canned fruits, 12.5kr/100kg; dried fruits, free. Additional fees levied by the Swedish Government include plant protection and beverage container taxes on certain products. Nontariff barriers include licensing and seasonal restrictions.

## Outlook for U.S. Products

Future growth of established product imports is likely to be moderate. Swedish importers, however, are constantly seeking new items that can be marketed profitably. For example, high-priced perishable vegetables such as iceberg lettuce, radishes, and corn on the cob are relatively “new” products and appear to have good growth potential in Sweden.

# Sweden: Imports of Selected Fruit and Vegetable Items, Calendar Year, by Country of Origin

[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Fresh fruits</u>				
Apples:				
Argentina . . . . .	1,750	12,534	15,844	16,335
South Africa . . . . .	8,333	8,621	9,886	9,959
France . . . . .	5,444	8,117	7,387	7,083
United States . . . . .	4,459	2,273	2,105	1,220
Other countries . . . . .	32,126	35,829	29,510	30,011
Total . . . . .	52,112	67,374	64,732	64,608
Pears				
Italy . . . . .	11,075	10,460	9,971	6,922
South Africa . . . . .	3,980	2,087	3,215	3,650
United States . . . . .	2,655	2,718	3,061	3,393
Other countries . . . . .	6,025	5,617	6,944	5,179
Total . . . . .	23,735	20,882	22,091	19,144
Table grapes				
Spain . . . . .	8,608	8,638	6,940	8,908
Italy . . . . .	6,552	6,440	6,091	3,965
United States . . . . .	1,925	1,067	1,751	1,480
South Africa . . . . .	1,838	1,825	2,096	1,845
Other countries . . . . .	1,897	774	3,213	2,686
Total . . . . .	20,820	18,744	20,091	18,884
Cherries:				
Italy . . . . .	976	970	1,565	1,311
France . . . . .	221	383	150	238
United States . . . . .	11	4	14	51
Other countries . . . . .	138	37	75	105
Total . . . . .	1,346	1,394	1,804	1,705
Peaches.				
Italy . . . . .	9,386	7,869	6,709	11,152
Greece . . . . .	298	511	1,001	1,961
United States . . . . .	-	52	43	1
Other countries . . . . .	992	622	426	649
Total . . . . .	10,676	9,054	8,179	13,762
Plums:				
Italy . . . . .	930	753	556	797
Spain . . . . .	576	417	422	493
United States . . . . .	307	276	161	180
Other countries . . . . .	788	635	547	820
Total . . . . .	2,601	2,081	1,686	2,290
<u>Fresh citrus</u>				
Oranges:				
Israel . . . . .	39,224	39,784	45,381	46,742
Spain . . . . .	35,376	27,715	13,377	9,946
Italy . . . . .	10,275	11,295	14,215	17,281
United States . . . . .	294	1,299	2,429	1,333
Other countries . . . . .	23,251	17,873	8,445	7,320
Total . . . . .	108,383	97,966	83,847	82,622
Grapefruit:				
Israel . . . . .	3,471	3,411	4,481	5,201
South Africa . . . . .	1,065	988	1,036	729
United States . . . . .	650	432	885	977
Other countries . . . . .	338	122	316	428
Total . . . . .	5,524	4,953	6,718	7,335

Continued

Sweden: Imports of Selected Fruit and Vegetable Items, Calendar Year,  
by Country of Origin—Continued

[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Fresh citrus—continued</u>				
Lemons				
United States. . . . .	3,878	4,872	4,235	4,089
Israel . . . . .	1,307	1,149	1,087	1,629
Italy . . . . .	389	241	522	603
Other countries . . . . .	1,404	836	1,716	1,059
Total . . . . .	6,978	7,098	7,560	7,380
<u>Canned fruits:</u>				
Apricots				
Spain . . . . .	1,196	1,132	909	765
Australia . . . . .	391	239	253	157
United States. . . . .	34	106	45	54
Other countries . . . . .	328	338	387	397
Total . . . . .	1,949	1,815	1,594	1,373
Peaches				
Australia . . . . .	2,925	1,903	2,032	1,186
United States. . . . .	2,538	2,111	1,602	1,863
South Africa . . . . .	1,504	1,114	1,343	3,456
Other countries . . . . .	852	2,508	1,021	1,787
Total . . . . .	7,819	7,636	5,998	8,292
Pears				
Australia . . . . .	2,090	2,223	2,040	2,266
Italy . . . . .	1,145	1,758	1,385	1,699
United States. . . . .	101	101	76	116
Other countries . . . . .	943	566	716	1,385
Total . . . . .	4,279	4,648	4,217	5,466
Pineapple				
Philippines . . . . .	5,779	3,849	2,902	2,960
Swaziland . . . . .	275	608	665	545
United States . . . . .	107	99	203	165
Other countries . . . . .	2,997	1,483	1,669	4,626
Total . . . . .	9,158	6,039	5,439	8,296
Fruit cocktail				
United States. . . . .	2,889	2,501	2,129	2,289
Australia . . . . .	1,872	1,484	1,638	1,023
Spain . . . . .	283	79	156	—
South Africa . . . . .	—	530	936	1,956
Other countries . . . . .	1,113	982	675	583
Total . . . . .	6,157	5,576	5,534	5,851
<u>Dried fruits:</u>				
Apricots:				
Spain . . . . .	78	74	77	93
United States. . . . .	63	70	77	11
Australia . . . . .	31	30	10	—
Other countries . . . . .	104	227	116	244
Total . . . . .	276	401	280	348
Dates:				
Algeria . . . . .	221	96	101	112
United States. . . . .	81	189	185	202
Tunisia . . . . .	42	16	23	25
Other countries . . . . .	28	71	51	27
Total . . . . .	372	372	360	366

Continued

Sweden: Imports of Selected Fruit and Vegetable Items, Calendar Year,  
by Country of Origin—Continued

[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Dried fruits—continued</u>				
Prunes				
United States . . . . .	2,234	2,631	2,801	2,955
France . . . . .	88	—	33	24
Other countries . . . . .	116	25	5	7
Total . . . . .	2,438	2,656	2,839	2,986
Raisins				
United States . . . . .	2,680	3,167	3,038	3,453
Australia . . . . .	314	22	107	184
Turkey . . . . .	170	8	4	11
Spain . . . . .	279	159	305	208
Other countries . . . . .	882	346	415	361
Total . . . . .	4,325	3,702	3,869	4,217
<u>Tree nuts</u>				
Almonds, shelled				
United States . . . . .	1,548	2,194	2,928	2,978
Spain . . . . .	1,234	362	705	730
Portugal . . . . .	531	498	85	109
Other countries . . . . .	436	148	254	41
Total . . . . .	3,749	3,202	3,802	3,858
Filberts, shelled:				
Turkey . . . . .	3,261	3,058	3,263	3,674
Spain . . . . .	15	122	10	20
United States . . . . .	—	—	—	—
Other countries . . . . .	42	31	218	53
Total . . . . .	3,318	3,211	3,491	3,747
Walnuts, in-shell:				
United States . . . . .	251	313	283	347
France . . . . .	80	43	58	35
Other countries . . . . .	54	2	9	15
Total . . . . .	385	358	350	397
<u>Citrus juices</u>				
Citrus juice, w/o added sugar:				
Brazil . . . . .	9,578	15,420	11,837	19,394
Israel . . . . .	6,274	5,372	5,144	3,873
United States . . . . .	11,449	9,552	9,478	10,382
Other countries . . . . .	2,850	2,191	2,181	3,275
Total . . . . .	30,151	32,535	28,640	36,924
Citrus juice, with added sugar:				
United States . . . . .	—	437	111	222
Other countries . . . . .	38	5	6	32
Total . . . . .	38	442	117	254
<u>Fresh vegetables</u>				
Carrots.				
United States . . . . .	343	658	695	892
Other countries <sup>2</sup> . . . . .	8,076	11,488	9,729	7,771
Total . . . . .	8,419	12,146	10,424	8,663
Onions and shallots:				
United States . . . . .	261	50	202	727
Other countries <sup>3</sup> . . . . .	16,601	16,550	16,197	15,155
Total . . . . .	16,862	16,610	16,399	15,882

Continued



Sweden: Imports of Selected Fruit and Vegetable Items, Calendar Year,  
by Country of Origin—Continued

[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Fresh vegetables—continued</u>				
Tomatoes:				
United States . . . . .	354	54	28	78
Other countries <sup>4</sup> . . . . .	29,916	31,437	32,840	31,649
Total . . . . .	30,270	31,491	32,868	31,727
Lettuce:				
United States . . . . .	1,650	1,373	1,699	2,368
Other countries <sup>4</sup> . . . . .	4,042	3,806	5,444	3,951
Total . . . . .	5,692	5,179	7,143	6,319
Peppers, sweet:				
United States . . . . .	196	317	629	683
Other countries <sup>5</sup> . . . . .	5,200	5,199	5,639	5,883
Total . . . . .	5,396	5,516	6,268	6,566
White and red cabbage:				
United States . . . . .	—	—	—	132
Other countries <sup>6</sup> . . . . .	8,997	8,841	8,736	9,445
Total . . . . .	8,997	8,841	8,736	9,577
Other cabbage:				
United States . . . . .	—	22	302	662
Other countries <sup>7</sup> . . . . .	741	655	1,702	2,724
Total . . . . .	741	677	2,004	3,386
Melons:				
United States . . . . .	80	343	479	522
Other countries <sup>8</sup> . . . . .	3,640	3,831	4,661	5,666
Total . . . . .	3,720	4,174	5,140	6,188
<u>Canned vegetables</u>				
Asparagus				
Taiwan . . . . .	2,093	2,256	2,419	2,653
United States . . . . .	186	185	155	121
Australia . . . . .	126	112	26	—
Other countries . . . . .	202	212	49	134
Total . . . . .	2,607	2,765	2,649	2,908
Corn, sweet:				
United States . . . . .	( <sup>9</sup> )	1,039	861	1,013
Canada . . . . .	( <sup>9</sup> )	489	129	321
Other countries . . . . .	( <sup>9</sup> )	( <sup>9</sup> )	20	111
Total . . . . .	( <sup>9</sup> )	( <sup>9</sup> )	1,010	1,445
Peas:				
USSR . . . . .	50	60	119	119
Hungary . . . . .	7	12	239	312
Other countries . . . . .	60	127	95	91
Total . . . . .	117	199	453	522

<sup>1</sup> Includes tangerines. <sup>2</sup> Mainly Denmark and Italy; <sup>3</sup> Mainly Italy and Hungary; <sup>4</sup> Mainly Netherlands and Spain;  
<sup>5</sup> Mainly Italy and Netherlands; <sup>6</sup> Mainly Netherlands and Denmark; <sup>7</sup> Mainly Netherlands and Austria; <sup>8</sup> Mainly Spain and  
Italy; <sup>9</sup> not available.

### Normal Fresh Fruit and Vegetable Import Seasons by Country of Origin

Key.  Most Active Period  Imports Begin  Imports Decrease  No Imports

7

# SWEDEN

## Normal Fresh Fruit and Vegetable Import Seasons by Country of Origin (Cont'd)

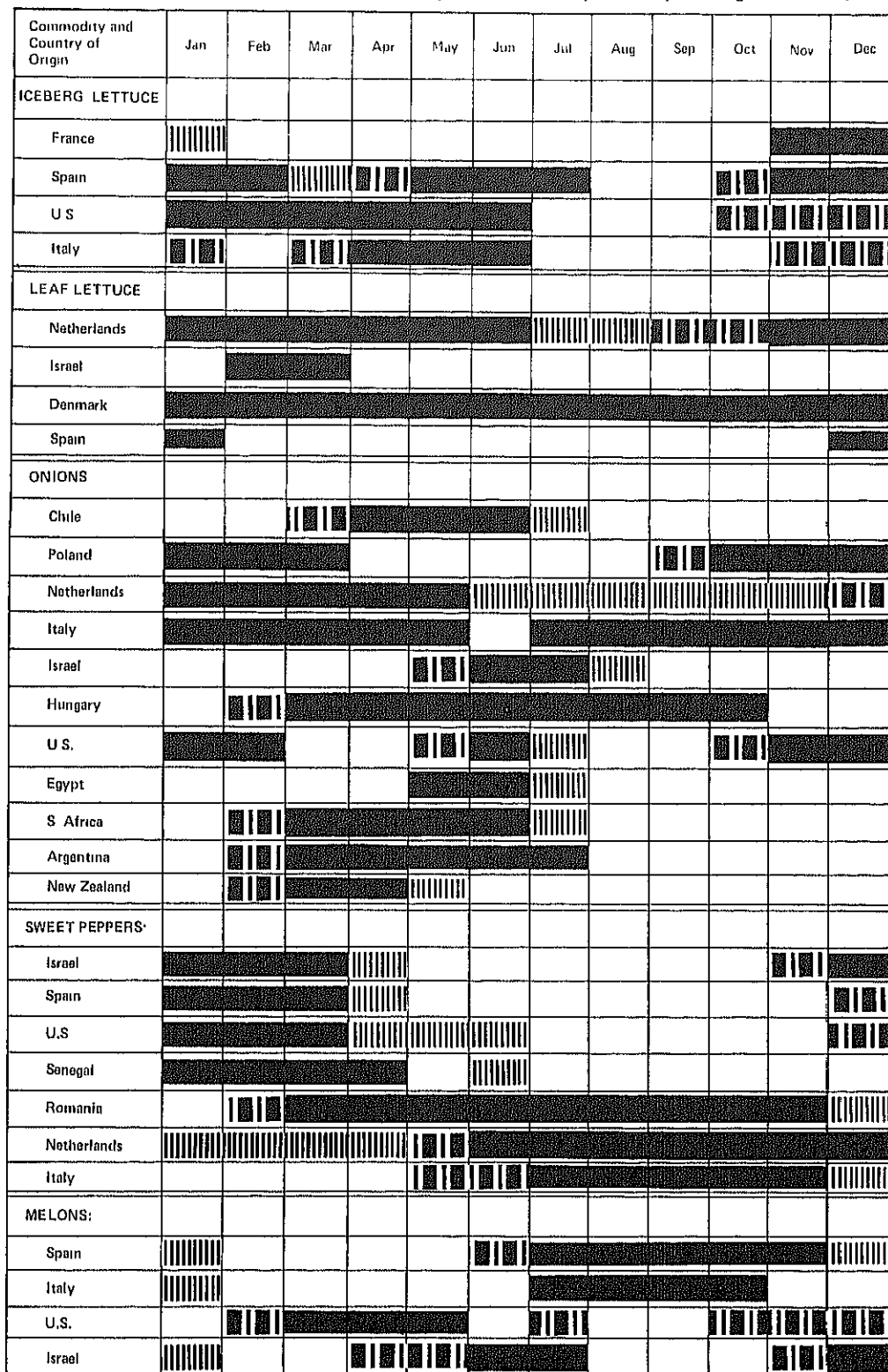
Commodity and Country of Origin	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>PLUMS</b>												
Romania									■	■	■	■
Italy							■	■	■	■	■	■
Spain							■	■	■	■	■	■
U S			■	■	■	■	■	■	■	■	■	■
S Africa	■	■	■	■	■	■	■	■	■	■	■	■
Argentina		■	■	■	■	■	■	■	■	■	■	■
<b>ORANGES</b>												
Israel	■	■	■	■	■	■	■	■	■	■	■	■
Spain	■	■	■	■	■	■	■	■	■	■	■	■
Italy	■	■	■	■	■	■	■	■	■	■	■	■
U S				■	■	■	■	■	■	■	■	■
S. Africa						■	■	■	■	■	■	■
<b>GRAPEFRUIT</b>												
Israel	■	■	■	■	■	■	■	■	■	■	■	■
S Africa						■	■	■	■	■	■	■
U S	■	■	■	■	■	■	■	■	■	■	■	■
<b>LEMONS</b>												
Spain	■	■	■	■	■	■	■	■	■	■	■	■
U S	■	■	■	■	■	■	■	■	■	■	■	■
Israel	■	■	■	■	■	■	■	■	■	■	■	■
Italy	■	■	■	■	■	■	■	■	■	■	■	■
S Africa						■	■	■	■	■	■	■
Argentina						■	■	■	■	■	■	■
<b>Fresh Vegetables</b>												
<b>CARROTS</b>												
Denmark	■	■	■	■	■	■	■	■	■	■	■	■
Italy		■	■	■	■	■	■	■	■	■	■	■
Israel	■	■	■	■	■	■	■	■	■	■	■	■
U S.	■	■	■	■	■	■	■	■	■	■	■	■
<b>ASPARAGUS</b>												
U S				■	■	■	■	■	■	■	■	■
Denmark							■	■	■	■	■	■
France				■	■	■	■	■	■	■	■	■
Poland					■	■	■	■	■	■	■	■

Key ■ Most Active Period ■ Imports Begin ■ Imports Decrease □ No Imports

Continued

# SWEDEN

## Normal Fresh Fruit and Vegetable Import Seasons by Country of Origin (Cont'd)



Key.  Most Active Period  Imports Begin  Imports Decrease  No Imports

# Sweden: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Fresh fruits</u>					
Apples	08061010	Jul. 16-end of Feb.	25 kr/100 kg	Plant protection fee: 5kr/100kg	1. Licensing required July 1-August 20 2. Quota seasonal restriction for 4½ months per year (period varies) 3. Subject to variable import levies
Apples	08061020	Mar. 1-Jul. 15	Free	-	Do.
Pears, quinces	08062010	Jul. 16-Dec. 31	25 kr/100 kg	Plant protection fee: 5kr/100kg	Do.
Pears, quinces	08062020	Jan. 1-Jul. 15	Free	do.	Do
Table grapes	08041010	Jul. 1-Oct. 31	12.9 kr/100kg	Plant protection fee: 4kr/100kg	Subject to variable import levies
Table grapes	08041020	Nov. 1-Jun. 30	Free	do	Do
Cherries	08071010	Jun. 16-Jul. 31	30kr/100kg	Plant protection fee 5kr/100kg	-
Cherries	08071020	Aug. 1-Jun. 15	Free	do.	-
Peaches	08073010	Jul. 1-Sep. 15	10kr/100kg	do.	Do.
Peaches	08073020	Sep. 16-Jun. 30	Free	do.	Do.
Plums	08074010	Jul. 16-Sep. 30	35kr/100kg	-	Do.
Plums	07074020	Oct. 1-Jul. 15	Free	do.	-
Strawberries	08082010	Jun. 1-Aug. 31	100kr/100kg	-	-
Strawberries	08082020	Sep. 1-May 31	Free	do.	-
Avocados					
Mangoes,					
Guavas,					
Mangosteens	08014000	-	do.	-	-

Continued

Sweden: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Fresh fruits—continued</u>					
Red cranberries	08084000	-	Free	-	-
Fresh berries other than raspberries, gooseberries, currants, strawberries, myrtleberries	08089090	-	do.	Plant protection fee: 0.5kr/100kg (Applied Oct. 1-Apr 15)	-
<u>Fresh citrus</u>					
Oranges	08021010	-	do.	Plant protection fee: 0.2 kr/100kg	-
Grapefruit	08022000	-	do.	do.	-
Lemons	08023000	-	do.	-	-
<u>Canned Fruits</u>					
Apricots, otherwise prepared or preserved	20065000	-	12.5kr/100kg	-	-
Peaches, otherwise prepared or preserved	20066000	-	do.	-	-
Pears, otherwise prepared or preserved	20064000	-	do.	-	-
Pineapple, otherwise prepared or preserved	20062000	-	do.	-	-
Mixed fruits, otherwise prepared or preserved	20069010	-	do.	-	-
Other canned fruit, otherwise prepared or preserved	20068090	-	15kr/100kg	-	-

Continued

Sweden: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Frozen fruits</u>					
Strawberries	08101000	—	50kr/100kg	—	—
Strawberries, containing added sugar	20031000	—	do.	—	—
<u>Dried fruits</u>					
Apricots	08123000	—	Free	—	—
Dates	08011000	—	do.	—	—
Figs	08032000	—	do.	—	—
Grapes	08125000	—	do.	—	—
Prunes					
<u>Tree nuts</u>					
Almonds	08051000	—	do.	—	—
Walnuts, in-shell	08053100	—	do.	—	—
Walnuts, shelled	08053200	—	do.	—	—
<u>Citrus juices</u>					
Unsweetened orange juice, in containers over 3kg gross weight	2007302	—	5kr/100kg	Beverage container tax 0.1 kr/unit	—
Unsweetened orange juice, in containers less than 3kg gross weight	2007303	—	7.5kr/100kg	do.	—

Continued

Sweden: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items--Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Citrus juices--continued</u>					
Sweetened orange juice	2007308	-	30kr/100kg	Beverage container tax 0.1 kr/unit	-
<u>Fresh vegetables</u>					
Carrots	07012110	May 1-Jun. 30	20kr/100kg	Plant protection fee: 0.7kr/100kg	-
Carrots	07012190	Jul. 1-Apr. 30	10kr/100kg	do.	-
Asparagus	07017510	May 1-Jun. 30	100kr/100kg	-	-
Asparagus	07017520	Jul. 1-Apr. 30	Free	-	-
Onions, shallots	07013070	Jul. 1-Dec. 31	20kr/100kg	-	-
Onions, shallots	07013080	Jan. 1-end of Feb.	15kr/100kg	-	-
Onions, shallots	07013090	Mar. 1-Jun. 30	Free	-	-
Lettuce	07018510	Mar. 1-Dec. 31	40kr/100kg	Plant protection fee 1kr/100kg	-
Lettuce	07018520	Jan. 1-end of Feb.	Free	-	-
Sweet peppers	07019030	-	do.	-	-
Honeydew and cantaloupe melons	08091030	Jun. 16-Sep. 30	40kr/100kg	-	-
Fresh melons	08091070	Oct. 1-Jun. 15	Free	Plant protection fee: 0.5kr/100kg (applied from Oct. 1-Apr. 15)	-
Tomatoes	07017010	May 16-Oct. 31	do.	do.	-
Tomatoes	07017020	Nov. 1-May 13	do.	do.	-

Continued



Sweden: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Canned vegetables</u>					
Asparagus, preser. without vinegar or acetic acid	20025000	—	65kr/100kg	—	—
Beans, preser. without vinegar or acetic acid	20022000	—	20kr/100kg	—	—
Peas, preser. without vinegar or acetic acid	20021000	—	do.	—	—
Olives, preser. without vinegar or acetic acid	20029010	—	12.5kr/100kg	—	—
<u>Frozen vegetables</u>					
Carrots	07020010	—	20kr/100kg	—	—
Peas	07020020	—	do.	—	—
Beans	07020040	—	40kr/100kg	—	—
Spinach	07020050	—	do.	—	—
Broccoli	07020060	—	do.	—	—
Other frozen vegetables	07020090	—	Rate varies	—	—
<u>Other vegetable products</u>					
Potato-based product for preparation of mashed potatoes	20029020	—	Free	Agricultural import tax, determined by authorities	Variable levies
Potato-based product other than for preparation of mashed potatoes; frozen	20029030	—	do.	do.	Variable levies, component tax

# Sweden: Food Laws

Highest Accepted Tolerances of Pesticides on Fresh Fruit, Berries, Vegetables, and Roots,  
in milligrams per kilogram (parts per million)

Chemical	Highest accepted tolerance		Comment
	Fruit, berries, vegetables and roots	Potatoes	
Aldrin, dieldrin . . . . .	0.05	0.05	—
2-Aminobutane . . . . .	—	—	Citrus 30
Azinphosmethyl . . . . .	0.4	0.2	—
Biphenyl . . . . .	—	—	Citrus 110
Binapacryl . . . . .	0.3	—	—
Bromide (inorganic) . . . . .	30	—	—
Bromophos . . . . .	1	—	—
Capafof . . . . .	5	0.5	—
Captan . . . . .	15	—	Cauliflower, carrots 2
Carbophenothion . . . . .	1	0.05	—
2 4-D . . . . .	—	—	Citrus 2
DDT, DDD, DDE . . . . .	1	—	—
Demeton-S-methyl+oxydemeton- methyl+demeton-S-methyl sulfon	0.4	0.2	—
Diazinon . . . . .	0.5	0.1	—
Dicofol (kelthane) . . . . .	5	—	—
Diphenylamine . . . . .	—	—	Apples, pears 3
Dichlorvos . . . . .	0.1	—	—
Dimethoate incl. oxygen analog . . . .	2	0.2	—
Dioxation . . . . .	0.3	—	—
Diquat . . . . .	0.1	0.1	—
Dithion or bithiocarbamates (febam, mancozeb, maineb, propineb, thiram, zineb, ziram, separately or combined) . . . . .	1	0.3	Carrots 0.3
Ethylene thio-uro compounds (ETU) .	0.01	0.01	—
Endosulfan . . . . .	0.5	0.2	—
Endrin . . . . .	0.01	—	—
Ethion (incl. oxygen analog) . . . . .	0.5	—	Citrus 1
Ethoxyquin . . . . .	—	—	Apples, pears 3
Fenchlorphos . . . . .	0.5	—	—
Fenthion . . . . .	0.1	—	—
Folpet . . . . .	15	—	—
Phosalone . . . . .	1	0.1	—
Phosphamidon . . . . .	0.2	0.05	—
Heptachlor . . . . .	0.05	—	—
BHC, HCH incl. lindane . . . . .	1	0.1	Carrots 0.1
Chlorbenside . . . . .	1	—	—
Chlordane . . . . .	0.1	—	—
Chlorfenson . . . . .	2	—	—
Chlorfenvinphos . . . . .	0.4	0.1	—
Chloropyrifos . . . . .	0.3	0.01	—
Malathion, incl. oxygen analog . . . .	3	—	—
Metidation . . . . .	0.5	0.2	Citrus 2
Metoxychlor . . . . .	2	1	—
Meninphos . . . . .	0.3	0.1	—

Continued

**Highest Accepted Tolerances of Pesticides on Fresh Fruit, Berries, Vegetables, and Roots,  
in milligrams per kilogram (parts per million)—Continued**

Chemical	Highest accepted tolerance		Comment
	Fruit, berries, vegetables and roots	Potatoes	
Paraquat . . . . .	0.05	0.1	—
Parathion, incl. oxygen analog. . . . .	0.5	0.1	—
Parathion, methyl incl. oxygen analog. . . . .	0.2	—	—
2-Phenylphenol+sodium salt. . . . .	10	—	—
Quintozone, and pentachloraniline . . . . .	0.3	0.2	Lettuce 1
Thiabendazole (TBZ) . . . . .	6	—	—
Timeton . . . . .	0.5	0.05	—
Trichlorfon . . . . .	0.5	—	—
<b>Sprout inhibitors:</b>			
Dichlorbenyl . . . . .	—	Potatoes, unpeeled 0.2	
Chloropropham (CIPC) . . . . .	—	Potatoes, unpeeled 10	
<b>Foreign substances:</b>			
Aflatoxin . . . . .	—	—	All food 0.005
Lead . . . . .	—	—	All food 3
Vinylchloride . . . . .	—	—	All food 0.01

Source. Swedish National Food Administration SLV FS 1977.7 (Tolerances are effective January 1, 1978).

### Sweden: Approved Additives For Selected Food Groups

Food group	Additive class	Additive	Special conditions
a) Fresh and frozen or frozen blanched products	Antioxidants and antioxidant synergists	L-Ascorbic acid Citric acid	To peeled potatoes  Do.
	Preservatives	Sulphurous acid and certain of its sodium, potassium and calcium salts, (Na sulphite, Na bisulphite, Na metabisulphite, K metabisulphite, Ca sulphite and Ca bisulphite)	To grated horseradish (max 0.4 g/kg) and peeled potatoes (max 0.2 g/kg) only (calculated as sulphur dioxide)
	Acids, bases, and salts	Sodium bicarbonate	To peeled potatoes
	Surface-protecting agents	Coumarone-indene resin	To unpeeled citrus fruits only, max 0.15 g/kg
		Additives permitted according to § 3 of the Food Decree <sup>1</sup>	
b) Flakes, granules, and powder of potatoes and root vegetables and products thereof	Antioxidants and antioxidant synergists	L-Ascorbic acid  Butylated hydroxyanisole (BHA) and/or butylated hydroxytoluene (BHT)	Max 0.2 g/kg Max 25 mg/kg
	Emulsifiers	Citric acid	
	Anticaking agents	Mono- and diglycerides	
	Preservatives	Silicon dioxide	Max 5 g/kg
		Sulphurous acid and certain of its sodium, potassium and calcium salts (Na sulphite, Na bisulphite, Na metabisulphite, K metabisulphite, Ca sulphite, Ca bisulphite)	Max 0.4 g/kg, calculated as sulphur dioxide
	Stabilizers	Sorbic acid and its potassium salt	Max. 0.5 g/kg
	Acids, bases, and salts	Calcium stearoyl-2-lactylate	To mashed potato powder only, max 5 g/kg
		Sodium polyphosphates	Max 2.5 g/kg
		Additives permitted according to § 3 of the Food Decree	

Continued

Sweden Approved Additives For Selected Food Groups—Continued

Food group	Additive class	Additive	Special conditions
c) Dried products with the exception of those named in Group 10b	Preservatives	Sulphurous acid and certain of its sodium, potassium and calcium salts (Na sulphite, Na bisulphite, Na metabisulphite, K metabisulphite, Ca sulphite, Ca bisulphite) <sup>1</sup>	To apricots, peaches, and pears max 2 g/kg To apples, max 1.5 g/kg To other fruit and vegetables, max 1 g/kg, all calculated as sulphur dioxide Max 0.5 g/kg
	Acids, bases, and salts	Sorbic acid and its potassium salt Sodium polyphosphate Additives permitted according to § 3 of the Food Decree L-Ascorbic acid Citric acid and its sodium, potassium, and calcium salts	To legumes only, max 6 g/kg of the water used for steeping Max 0.2 g/kg
	Antioxidants and antioxidant synergists	Sulphurous acid and certain of its sodium, potassium, and calcium salts (Na sulphite, Na bisulphite, Na metabisulphite, K metabisulphite, Ca sulphite, Ca bisulphite)	Max 0.2 g/kg, calculated as sulphur dioxide
	Preservatives	Mono- and diglycerides Curcumin Erythrosine	To green vegetables only, max 20 mg/kg To "cocktail cherries" packed in containers other than unlacquered cans (max 150 mg/kg) and to "fruit cocktail" (max 150 mg/kg cherries) only To olives only, max 6 mg/kg
	Emulsifiers Colors	Ferrous gluconate Ferrous lactate Chlorophyllin copper complex, sodium, and potassium salts Paprika oleoresin	To mushrooms only, max 1 600 mg/kg To green vegetables only, max 100 mg/kg To green vegetables only
d) Fully-preserved products, sterilized, and hermetically sealed			

Continued

### Sweden: Approved Additives For Selected Food Groups—Continued

Food group	Additive class	Additive	Special conditions
d) Fully-preserved products, sterilized and hermetically sealed—continued	Colors—continued	Fast green FCF	To “cocktail cherries” (max 50 mg/kg) and to “fruit cocktail” (max 50 mg/kg cherries) only
		Riboflavin	To green vegetables only, max 20 mg/kg
		Beetroot extract	To beetroot
	Thickening agents	Tartrazine <sup>1</sup>	To “cocktail cherries” (max 200 mg/kg) and to “fruit cocktail” (max 200 mg/kg cherries) only
		Alginic acid, its sodium and calcium salts and its 1, 2-propylene glycol ester	Max 10 g/kg
		Carboxymethylcellulose and its sodium salt	
	Acids, bases, and salts	Carrageenan, mean mol. wt. >100 000	
		Calcium chloride	Max 1 g/kg
	Sweetening agents	Sodium, potassium, and calcium salts of lactic acid	
		Sodium pyrophosphates	
Malic acid			
Saccharin and its sodium salt		Max 0.4 g/kg	
Additives permitted according to § 3 of the Food Decree			
Colors	Curcumin	To green vegetables only, max 20 mg/kg	
	Chlorophyllin copper complex, sodium and potassium salts	To green vegetables only, max 100 mg/kg	
	Paprika oleoresin	To green vegetables only	
	Riboflavin	To green vegetables only, max 20 mg/kg	
	Beetroot extract	To beetroot	
e) Other products, with the exception of juice, jam, etc., according to Group 11			

Continued

### Sweden: Approved Additives For Selected Food Groups—Continued

Food group	Additive class	Additive	Special conditions
e) Other products, with the exception of juice, jam, etc., according to Group 11—continued	Acids, bases, and salts	Calcium chloride Potassium aluminum sulphate (potash alum) Additives according to Group 17 Additives permitted according to § 3 of the Food Decree	Max 1 g/kg To cucumbers only, max 1 g/kg
	Antioxidants	L-Ascorbic acid Butylated hydroxyanisole (BHA) and/or butylated hydroxytoluene (BHT)	Max 0.2 g/l of the product as consumed To citrus product only, max 5 mg/l of the product as consumed
a) Nectars and fruit sirups	Enzyme preparations	Pectinase	
	Thickening agents	1, 2-propylene glycol alginate Tragacanth Carbo bean gum (Ceratonia siliqua) Guar gum Acacia gum Carboxymethylcellulose and its sodium salt Carrageenan, mean mol. wt. >100 000 Pectin	Max 750 mg/l of the product as consumed
	Preservatives	Benzoic acid and its sodium salt Sorbic acid and its sodium and potassium salts	Max 0.5 g/l of the product as consumed Do.
		Sulphurous acid and certain of its sodium and potassium salts (Na sulphite, Na bisulphite, Na metabisulphite, K metabisulphite)	To citrus products only, max 60 mg/l (calculated as sulphur dioxide) of the product as consumed

Continued

## Sweden: Approved Additives For Selected Food Groups—Continued

Food group	Additive class	Additive	Special conditions
a) Nectars and fruit sirups—continued	Flavoring agents	Citric acid and its sodium, potassium, and calcium salts	
		Malic acid	
	Sweetening agents	Saccharin and its sodium salt	To blackcurrant products, max 0.1 g/l of the product as consumed To other products max 50 mg/l of the product as consumed
b) Juices		Sugars	
		Sorbitol	Max 50 g/l of the product as consumed Max 1 g/l
	Preservatives	Benzoic acid and its sodium salt Methyl, ethyl and propyl parahydroxybenzoates and their sodium salts	Do.
c) Jam, marmalade, pulped fruit and jelly)		Sulphurous acid and certain of its sodium and potassium salts (Na sulphite, Na bisulphite, Na metabisulphite, K metabisulphite) <sup>1</sup>	To lemon juice only, max 0.3 g/l calculated as sulphur dioxide
		Sorbic acid and its sodium and potassium salts	Max 1 g/l
	Antifoaming agents	Dimethyl polysiloxane	To pineapple juice only, max 10 mg/l
	Flavoring agents	Citric acid	
		Spices	
	Acids, bases, and salts	Common salt (sodium chloride)	To tomato juice
	Sweetening agents	Sugars	Max 50 g/l
		L-Ascorbic acid	Max 0.2 g/kg
	Antioxidants	Butylated hydroxyanisole (BHA) and/or butylated hydroxytoluene (BHT)	Max 0.1 g/kg

Continued



### Sweden: Approved Additives For Selected Food Groups—Continued

Food group	Additive class	Additive	Special conditions
c) Jam, marmalade, pulped fruit and jelly) — continued	Emulsifiers and stabilizers	Mono- and diglycerides	
		Lecithin	
	Thickening agents	Agar	Max 10 g/kg
		Alginic acid, its sodium and potassium salts, and its 1, 2-propylene glycol ester	
		Carrageenan, mean mol. wt. >100 000	
		Sodium polyphosphates	Max 1 g/kg
		Pectin	
		Chemically-modified starches according to Group 17	
	Preservatives	Benzoic acid and its sodium salt	Do.
		Sorbic acid and its sodium and potassium salts	Max 2 g/kg
	Acids, bases, and salts	Citric acid and its sodium, potassium, and calcium salts	
		Calcium chloride	
		Calcium orthophosphates	
		Tartaric acid and its sodium, potassium, and calcium salts	Max 5 g/kg
	Sweetening agents	Sorbitol <sup>1</sup>	Max 150 g/kg
		Additives permitted according to § 3 of the Food Decree	

<sup>1</sup> Approval or permitted level under review. Could be deleted at some future date.

Source: Swedish National Food Administration, List of Food Additives (Appendix to SLV 1975:11).

## General Labeling Requirements

1. Name of the food.
2. Composition of the food product. The main ingredients of the food in descending order or proportion.
3. Additives must be declared in the ingredients for all prepacked products. All preservatives must be declared by the word *Konserveringsmedel*; followed by the code number. Code numbers for permitted preservatives in fruit and vegetable products are.

Benzoic acid, E 210  
Ethyl p-hydroxybenzoate, E 214  
Sodium ethyl p-hydroxybenzoate, E 215  
Methyl p-hydroxybenzoate, E 218  
Sodium methyl p-hydroxybenzoate, E 219  
Propyl p-hydroxybenzoate, E 216  
Sodium propyl p-hydroxybenzoate, E 217  
Calcium bisulphite, E 227  
Calcium propionate, E 282  
Calcium sulphite, E 226  
Potassium pyrosulphite, E 224  
Potassium sorbate, E 202  
Sodium propionate, E 281  
Sodium pyrosulphite, E 223  
Sodium sorbate, E 201  
Sodium sulphite, E 222  
Propanoic acid, E 280  
Sorbic acid, E 200  
Sulphur dioxide, E 220

Additives in the following classes may be declared by the class name: Antioxidant, bleaching agent, emulsifier, thickener, anticaking agent, ripening agent, flavoring, stabilizer, and vegetable gum. Colors must be declared by the word "color," followed by the code number. Code numbers for permitted colors in fruit and vegetable products are:

Erythrosine, E 127  
Ferrous gluconate, E 129  
Chlorophyllin copper complex, E 141  
Paprika oleoresin, E 160c  
Fast green, FCF E 132  
Riboflavin, E 101  
Tartrazine, E 102  
Curcumin, E 100

4. Net weight and/or volume: Net contents must be declared at time of packing.
5. Name or company name: Name and address of packer or producer.
6. Storage instructions: When method of storage is important to the shelf life of a product.
7. Shelf life: Shelf life labeling applies only to prepacked food whose keeping quality depends on cold storage. For food with a shelf life of more than 30 days, a statement is needed that the product should not be consumed later than a given month and year.
8. Exemptions: Prepacked food weighing less than 25 grams or more than 25 kilograms is exempt from labeling requirements (except for prepacked peeled potatoes weighing more than 25 kg). Labeling for fresh fruit and fresh vegetables packed in wholly transparent material and containers need only include net weight or volume.

## Plant Quarantine Regulations

Sweden's plant quarantine regulations are subject to change periodically and are too voluminous to be given full treatment in this publication. Inquiries regarding specific plant quarantine regulations should be addressed to the Animal Plant Health Inspection Service, U.S. Department of Agriculture (see "Assistance for U.S. Exporters," p. 54).

### SWEDEN: Importers and Food Firms

**Arla**  
101 10 Stockholm, Sweden  
Torsgatan 4

*Largest of 33 local dairy societies, belonging to Swedish Dairies Association, one of the 16 farmers' co-op national organizations. Accounts for 54 percent of fruit and vegetable juice sales. Total 1976 sales: Skr2,676 million.*

**Findus**  
Stationsgatan 31  
25 373 Helsingborg, Sweden

*Producer of canned, frozen, and dried foods and juice. Owned by Nestle Alimentana, Switzerland. 7 percent share of juice market 1976 sales; Skr610 million.*

**ICA**  
Landskronavägen 33  
Box 713  
251 07 Helsingborg, Sweden

*Retailers' cooperative. Purchase organization for 4,500 ICA stores. Wholesalers, maintaining 23 distribution centers. Accounts for one-third of Swedish food trade, including 26 percent of fresh fruit sales. Total 1976 sales; Skr13,254 million.*

**Kooperativa forbundet (KF)**  
Fack  
104 65 Stockholm, Sweden

*Swedish Co-op Union and Wholesale Society. KF is top organization (central purchasing and wholesaling) for 196 independent co-op societies with 1.75 million individual members. Runs 18 distribution centers, and 2,400 stores. Accounts for one-third of Swedish food market. Imports over Skr1 billion of food annually.*

**Saba/Dagab**  
(American Foods AB)  
Importorvagen 5-21  
Box 9037  
121 09 Johanneshov, Sweden

*Parent company Saba is owned by the Johnson Shipping Line (40 percent), the Salen Shipping Line (40 percent) and NK Ahlens (20 percent) (department store chain). Saba is a major importer of fruit and vegetables, operating through its American foods subsidiary and three regional Saba offices. Holds market shares of 45 percent for fresh fruit and 42 percent for fresh vegetables. Total Saba sales in 1976 were Skr4,883 million.*

*Dagab is a wholly owned subsidiary and a large wholesale company, with 17 distribution centers and 59 cash-and-carry outlets. Owns UNIL, an import arm for processed foods. Sales in 1976 were Skr4,119 million.*

**FruKtnorlin AB**  
**Brunnbyvagen 15**  
**Box 9010**  
**121 09 Johanneshov, Sweden**

**Sydfruktimporten AB**  
**Importorvägen 5-21**  
**121 73 Johanneshov, Sweden**

*Purchase fresh fruits and vegetables directly from the United States.*

# Norway: Market Profile

## Population

Size:	4 million (1975 estimate).
Distribution:	Half of population resides in eastern Norway, centered in Oslo; another 25 percent lives in the southwestern coastal area, which includes Bergen.
Annual growth rate:	0.6 percent (1975).
Major cities:	Oslo (capital, population 477,500); Bergen, (212,000); Trondheim, (129,200).

## Economy

Gross National Product (GNP):	\$24.6 billion (1975 estimate).
Per capita income:	\$6,150.
Annual growth:	5.1 percent.
Official exchange rate:	5.15 Norwegian kroner=US\$1.00 (January 1978).

## Foreign Trade

Total food imports:	\$534 million (1975).
Total fruit and vegetable imports:	\$135 million (1975).
Fruit and vegetable imports from the United States:	\$18 million.
Leading U.S. imports:	Fresh apples, oranges, lemons, canned fruit cocktail and peaches, citrus juices, dates, prunes, raisins, almonds, walnuts.
Major competitors:	Fresh fruit—Argentina, Spain, European Community (EC), citrus—Israel, Spain, South Africa; canned fruit—South Africa, Philippines, dried fruit—Turkey, EC.

## Trade Policy

Import duties apply to all countries receiving most-favored-nation treatment, including the United States. Duties on fruit and vegetable items are specific, ranging from .02 kr/kg to 3.0 kr/kg, depending on the import period. Nontariff barriers include variable opening dates, discretionary licensing, and minimum price arrangements. In addition, Norway participates in preferential trade agreements with the EC and the European Free Trade Association.

## Market Outlook for U.S. Products

Revenue from oil and the resulting trend toward a higher standard of living has stimulated a growing demand for food and consumer products among Norway's 4 million population. Canned and dried fruit have shown considerable recent growth, with imports reaching record levels in 1976. Although several U.S. fruit and vegetable products are well established in the Norwegian market, U.S. exporters are likely to encounter stronger competition from other suppliers (e.g., canned fruits from South Africa) in the future.

**Norway: Imports of Selected Fruit and Vegetable Items Calendar Year, by Country of Origin**  
[In metric tons]

Commodity and country	1973	1974	1975	1976
<b>Fresh fruits</b>				
<b>Apples</b>				
Argentina . . . . .	( <sup>1</sup> )	9,320	11,626	12,400
France . . . . .	3,495	10,740	5,873	9,908
New Zealand . . . . .	86	1,913	2,190	2,286
United States . . . . .	1,511	2,131	1,719	2,197
Other countries . . . . .	17,112	8,652	7,367	12,384
Total . . . . .	22,204	32,756	28,775	39,175
<b>Pears</b>				
Netherlands . . . . .	2,680	1,001	2,536	1,919
Belgium . . . . .	893	578	1,661	1,277
Italy . . . . .	4,115	3,035	1,369	1,308
United States . . . . .	1,189	1,285	762	1,526
Other countries . . . . .	3,110	1,680	1,784	1,690
Total . . . . .	11,987	7,579	8,112	7,720
<b>Table grapes:</b>				
Spain . . . . .	7,861	7,893	8,198	9,169
Italy . . . . .	3,109	2,242	3,110	1,882
United States . . . . .	814	734	575	494
Other countries . . . . .	2,179	1,466	2,285	1,682
Total . . . . .	13,963	12,335	14,168	13,227
<b>Cherries</b>				
Italy . . . . .	177	102	206	125
France . . . . .	63	84	69	157
United States . . . . .	—	—	—	—
Other countries . . . . .	6	—	6	0
Total . . . . .	246	186	281	282
<b>Peaches.</b>				
Italy . . . . .	1,221	992	1,359	2,511
Spain . . . . .	99	86	63	59
Greece . . . . .	138	91	115	45
United States . . . . .	—	—	—	—
Other countries . . . . .	328	212	57	83
Total . . . . .	1,786	1,381	1,594	2,698
<b>Plums:</b>				
Italy . . . . .	318	139	229	311
Spain . . . . .	243	222	154	372
South Africa . . . . .	54	44	36	81
United States . . . . .	17	—	—	15
Other countries . . . . .	135	39	13	1
Total . . . . .	767	444	432	780
<b>Fresh citrus</b>				
<b>Oranges:</b>				
Israel . . . . .	22,534	24,732	27,372	28,282
Spain . . . . .	13,682	13,273	14,018	13,876
South Africa . . . . .	8,716	7,150	10,028	5,504
United States . . . . .	1,713	2,446	3,396	2,328
Other countries . . . . .	21,819	23,420	8,553	12,861
Total . . . . .	68,464	71,021	63,367	62,851

Continued

Norway: Imports of Selected Fruit and Vegetable Items Calendar Year,  
by Country of Origin—Continued

[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Fresh citrus—continued</u>				
Grapefruit				
Israel . . . . .	754	793	1,119	1,549
South Africa . . . . .	434	370	418	423
United States . . . . .	121	42	49	108
Other countries . . . . .	68	33	18	57
Total . . . . .	1,377	1,238	1,604	2,137
Lemons:				
United States . . . . .	1,274	1,443	1,362	1,406
Israel . . . . .	340	361	465	563
South Africa . . . . .	196	287	197	208
Other countries . . . . .	542	215	351	165
Total . . . . .	2,352	2,306	2,375	2,342
<u>Canned fruits</u>				
Apricots:				
Spain . . . . .	230	489	536	90
Australia . . . . .	121	224	177	95
United States . . . . .	27	22	18	(2)
South Africa . . . . .	—	111	167	379
Other countries . . . . .	282	59	37	40
Total . . . . .	660	905	935	609
Peaches:				
South Africa . . . . .	2,237	3,218	1,999	4,687
United States . . . . .	815	1,007	867	816
Australia . . . . .	1,611	665	347	323
Other countries . . . . .	80	111	45	161
Total . . . . .	4,743	5,001	3,258	5,987
Pears				
Australia . . . . .	1,616	936	1,020	817
South Africa . . . . .	1,049	890	592	1,786
United States . . . . .	66	57	58	(2)
Other countries . . . . .	1,030	627	646	607
Total . . . . .	3,761	2,510	2,316	3,210
Pineapple.				
Philippines . . . . .	2,627	2,004	569	1,506
Kenya . . . . .	354	406	594	1,046
United States . . . . .	129	91	99	(2)
Other countries . . . . .	583	643	437	490
Total . . . . .	3,693	3,144	1,699	3,042
Fruit cocktail:				
United States . . . . .	1,100	951	1,048	949
South Africa . . . . .	658	809	672	1,811
Australia . . . . .	670	317	375	442
Other countries . . . . .	315	206	154	194
Total . . . . .	2,743	2,283	2,249	3,396
<u>Dried fruit</u>				
Apricots:				
Spain . . . . .	176	106	124	197
Iran . . . . .	242	160	107	193
United States . . . . .	—	2	—	—
Other countries . . . . .	113	167	65	95
Total . . . . .	531	435	296	485

Continued

**Norway: Imports of Selected Fruit and Vegetable Items Calendar Year,  
by Country of Origin—Continued**

[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Dried fruits—continued</u>				
Dates				
United States . . . . .	194	225	119	230
Algeria . . . . .	139	129	102	81
Other countries . . . . .	44	52	136	71
Total . . . . .	377	406	357	382
Prunes.				
United States . . . . .	968	1,937	1,547	1,886
France . . . . .	129	20	68	—
Italy . . . . .	75	27	74	120
Other countries . . . . .	295	29	17	120
Total . . . . .	1,467	2,013	1,706	2,006
Raisins:				
United States . . . . .	1,096	1,729	1,510	1,544
Australia . . . . .	666	285	467	613
Turkey . . . . .	169	118	274	259
Other countries . . . . .	779	861	618	812
Total . . . . .	2,710	2,993	2,869	3,228
<u>Tree nuts</u>				
Almonds, shelled				
United States . . . . .	678	1,545	1,748	1,842
Spain . . . . .	1,218	320	306	828
Other countries . . . . .	76	60	20	33
Total . . . . .	1,972	1,925	2,074	2,703
Filberts, shelled:				
Turkey . . . . .	470	620	708	109
Italy . . . . .	183	190	156	820
United States . . . . .	6	4	7	9
Other countries . . . . .	79	110	127	4
Total . . . . .	738	924	998	942
Walnuts, in-shell:				
United States . . . . .	377	326	339	376
France . . . . .	89	75	61	83
Other countries . . . . .	10	29	4	6
Total . . . . .	476	430	404	465
<u>Citrus juices</u>				
Unsweetened citrus juice.				
United States . . . . .	1,009	1,230	1,776	1,710
Israel . . . . .	1,890	1,425	1,081	1,041
Brazil . . . . .	275	823	1,017	2,407
Other countries . . . . .	1,138	719	656	1,510
Total . . . . .	4,402	4,197	4,530	6,668
Orange juice, frozen:				
Brazil . . . . .	19	53	285	65
United States . . . . .	325	171	124	279
Israel . . . . .	8	23	185	—
Other countries . . . . .	1	—	50	2
Total . . . . .	353	247	644	346

Continued



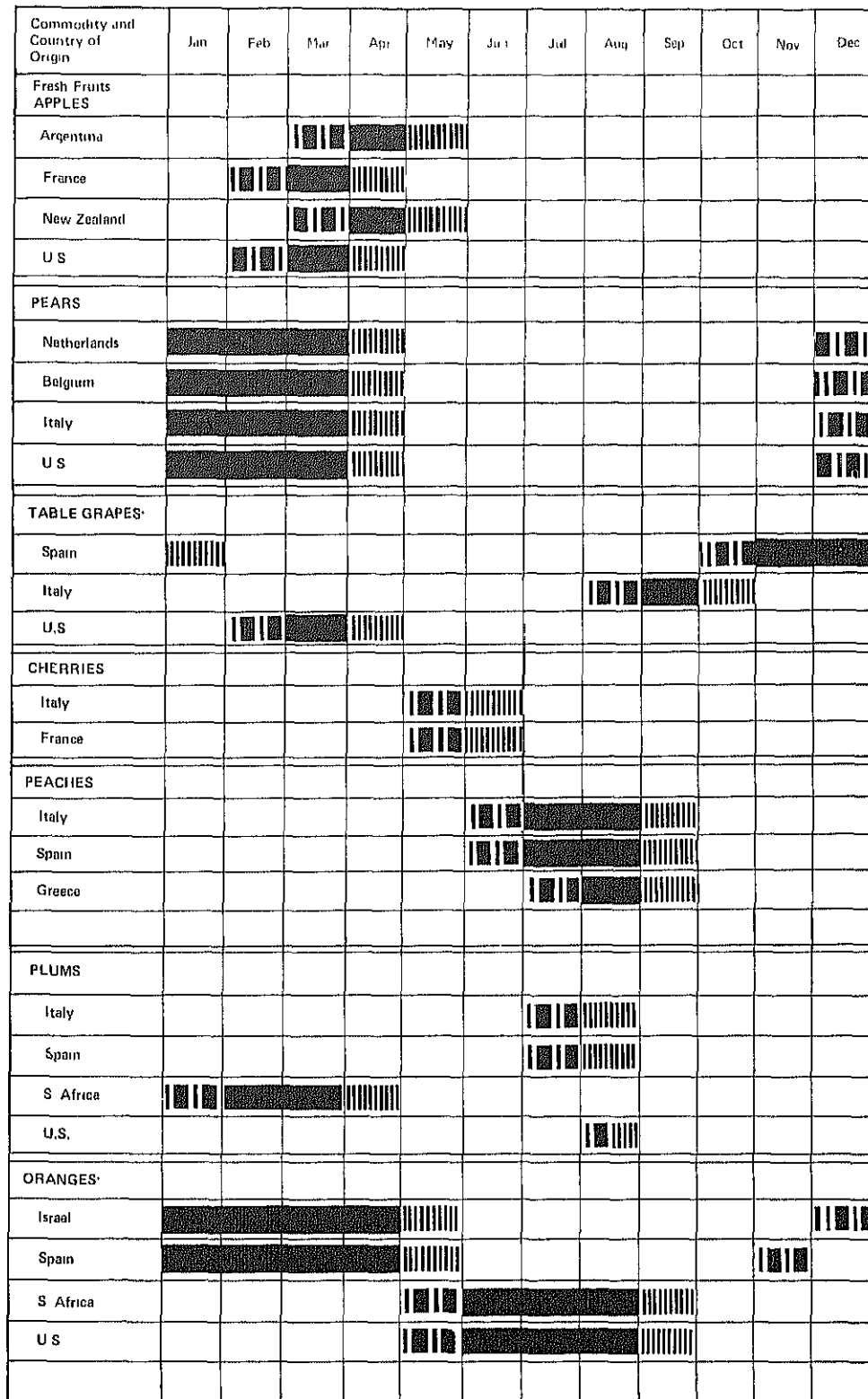
Norway: Imports of Selected Fruit and Vegetable Items Calendar Year,  
by Country of Origin--Continued  
[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Canned vegetables</u>				
Asparagus				
Taiwan . . . . .	997	809	597	710
Mexico . . . . .	68	68	55	217
United States . . . . .	116	21	61	54
Other countries . . . . .	59	51	59	51
Total . . . . .	1,240	949	772	1,032

<sup>1</sup> Not available.   <sup>2</sup> Included in Other countries.

# NORWAY

## Normal Fresh Fruit and Vegetable Import Seasons by Country of Origin

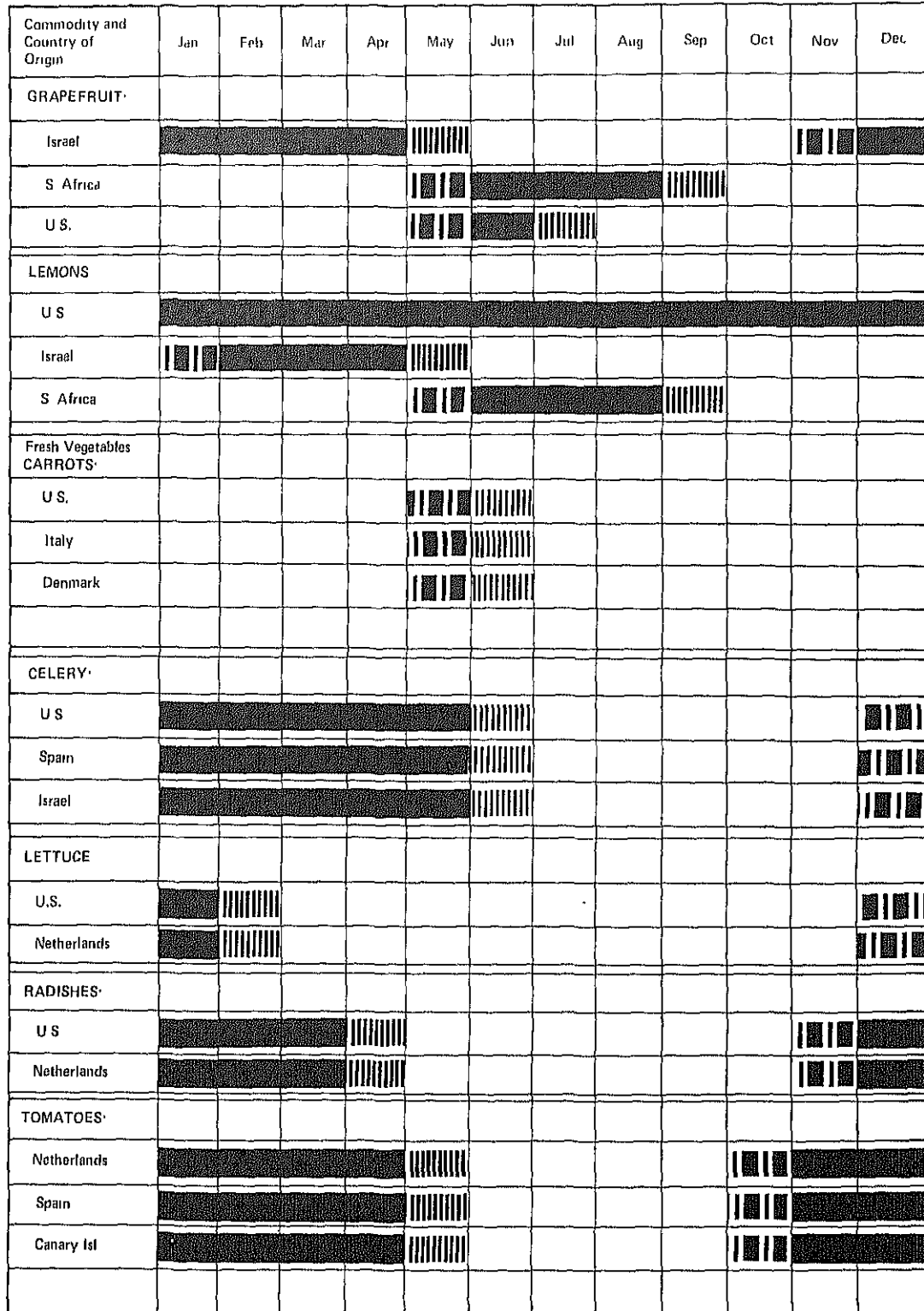


Key      ■ ■ ■ ■ ■ ■ ■ ■ ■ ■    Most Active Period    ■ ■ ■ ■    Imports Begin    ■ ■ ■ ■ ■ ■ ■ ■ ■ ■    Imports Decrease    □    No Imports

Continued

# NORWAY

## Normal Fresh Fruit and Vegetable Import Seasons by Country of Origin (Cont'd)



Key  Most Active Period  Imports Begin  Imports Decrease  No Imports

# Norway: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Fresh fruits</u>					
Apples	0806101	Aug. 1 - Feb. 15	0.50kr/kg	-	Licensing, quantitative restrictions, minimum price arrangements, variable opening dates
Apples	0806102	Feb. 16 - Mar. 15	0.40kr/kg	-	Do.
Apples	0806103	Mar. 16 - Jul. 31	0.20kr/kg	-	Do.
Pears	080620	Aug. 1 - Jan. 15	0.60kr/kg	-	Do.
Pears	0806202	Jan. 16 - Feb. 14	0.20kr/kg	-	Do.
Pears	0806203	Feb. 15 - Jul. 31	0.15kr/kg	-	Do.
Cherries	0807101	Apr. 15 - Jun. 30	0.60kr/kg	-	Do.
Cherries	0807102	Jul. 1 - Oct. 31	2.40kr/kg	-	Do.
Cherries	0807103	Nov. 1 - Apr. 14	1.20kr/kg	-	Do.
Table grapes	0804101	Aug. 1 - end of Feb.	1.33kr/100kg	-	-
Table grapes	0804102	Mar. 1 - Jul. 31	0.06kr/100kg	-	-
Peaches, nectarines	0807301	May 16 - Aug. 15	0.40kr/kg	-	Licensing, quantitative restrictions, minimum price regulations
Peaches, nectarines	0807302	Aug. 16 - May 15	0.80kr/kg	-	Do.
Plums	0807401	Apr. 15 - Jun. 30	0.50kr/kg	-	Do.
Plums	0807402	Jul. 1 - Sept. 15	1.20kr/kg	-	Do.
Plums	0807403	Sept. 16 - Oct. 31	2.40kr/kg	-	Do.
Plums	0807404	Nov. 1 - Apr. 14	1.20kr/kg	-	Do.
Strawberries	0808201	Apr. 15 - Jun. 30	0.60kr/kg	-	-

Continued

# Norway: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Fresh fruits—continued</u>					
Strawberries	0808202	Jul. 1 - Oct. 31	2.40kr/kg	-	-
Strawberries	0808203	Nov. 1 - Apr. 14	1.20kr/kg	-	-
Cranberries	0808400	-	Free	-	Quota, seasonal restriction, licensing
Other fresh berries, other raspberries, gooseberries, currants, cranberries	0808900	-	30kr/kg	-	Do.
Mangoes, mangosteens, avocados, guavas	0801400	-	0.20kr/kg	-	-
<u>Fresh citrus</u>					
Oranges	0802100	-	1.33kr/100kg	-	-
Grapefruit	0802200	-	do.	-	-
Lemons	0802300	-	Free	-	-
Mandarins	0802400	-	1.33kr/100kg	-	-
Other citrus fruit	0802900	-	do.	-	-
<u>Canned fruits</u>					
Apricots containing added spirit	2006501	-	1.60kr/kg	-	-
Apricots not containing added spirit in containers 3 kg or gross wt or more	2006502	-	Free	-	-
Apricots not containing added spirit in containers 3 kg or less	2006508	-	0.30kr/kg	-	-

Continued

Norway: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Canned fruits—continued</u>					
Peaches containing added spirit	2006601	-	1.60kr/kg	-	-
Peaches not containing added spirit in containers 3 kg or more	2006602	-	Free	-	-
Peaches not containing added spirit in containers 3 kg or less	2006609	-	0.30kr/kg	-	-
Pears containing added spirit	2006401	-	1.60kr/kg	-	Licensing
Pears not containing added spirit	2006409	-	0.30kr/kg	-	Do.
Mixed fruit containing added spirit	2006905	-	1.60kr/kg	-	Do.
Mixed fruit not containing added spirit	2006908	-	0.30kr/kg	-	-
Pineapple containing added spirit	2006201	-	1.60kr/kg	-	-
Pineapple not containing added spirit in containers 3 kg or more	2006202	-	Free	-	-
Pineapple not containing added spirit in containers 3 kg or less	2006209	-	0.30kr/kg	-	-

Continued

Norway: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items--Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Frozen fruits</u>					
Blueberries	0810909	-	0.60kr/kg	-	Licensing
Cranberries	0810901	-	Free	-	Do.
Strawberries	0810100	-	1.60 kr/kg	-	Do.
<u>Dried fruits</u>					
Apricots	0812300	-	0.40kr/kg	-	-
Dates	0801100	-	0.15kr/kg	-	-
Figs	0803200	-	0.02kr/kg	-	-
Prunes	0812500	-	Free	-	-
Raisins	0804201	-	Free	-	-
<u>Tree nuts</u>					
Almonds	0805100	-	0.02kr/kg	-	-
Walnuts, shelled	0805320	-	0.17kr/kg	-	-
Walnuts, in-shell	0805310	-	do.	-	-
Nuts, n.e.s., in-shell or shelled	0805909	-	do.	-	-
Nut mixtures	0805902	-	do.	-	-
<u>Citrus juices</u>					
Orange juice, sugar added	2007.301	-	0.75kr/kg	-	-
Orange juice, unsweetened, in containers 3 kg or more	2007.305	-	Free	-	-

Continued

Norway: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Citrus juices—continued</u>					
Orange juice, frozen concentrate	2007.307	—	0.12kr/kg	—	—
Other orange juice	2007.309	—	0.25kr/kg	—	—
Grapefruit juice, sugar added	2007.401	—	3.00kr/kg	—	—
Grapefruit juice, unsweetened, in containers 3 kg or more	2007.	—	Free	—	—
Other unsweetened grapefruit juice	2007.409	—	0.25kr/kg	—	—
Citrus juice, other than orange or grapefruit, sugar added	2007.501	—	3.00kr/kg	—	—
Citrus juice, other than orange and grapefruit in containers 3 kg or more, unsweetened	2007.505	—	Free	—	—
Citrus juice, other than orange and grapefruit unsweetened, in containers less than 3 kg	2007.509	—	0.50 kr/kg	—	—
<u>Other fruit juices</u>					
Pineapple juice, sugar added	2007.601	—	3.00kr/kg	—	—
Pineapple juice, unsweetened, in containers 3 kg or more	2007.605	—	Free	—	—

Continued



Norway: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items--Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Other fruit juices--</u> <u>continued</u>					
Pineapple juice, unsweetened, in containers less than 3 kg	2007.609	-	0.50	-	-
Black currant juice, sugar added	2007.801	-	1.10kr/kg	-	-
Other fruit juices, sugar added	2007.803	-	3.00kr/kg	-	-
Unsweetened fruit juices, other than pineapple and citrus	2007.805	-	0.60kr/kg	-	-
<u>Fresh vegetables</u>					Licensing, minimum price arrangements with Farmer Association, seasonal restrictions.
Carrots	0701210	-	0.16kr/kg	-	
Celery	0701902	-	0.80kr/kg	-	Do.
Lettuce	0701853	Apr. 1 - Nov. 30	do.	-	Do.
Lettuce	0701854	Dec. 1 - Mar. 31	Free	-	Do.
Radishes	0701292	Apr. 1 - Nov. 30	0.80kr/kg	-	Do.
Radishes	0701293	Dec. 1 - Mar. 31	Free	-	Do.
Tomatoes	0701701	Jun. 1 - Oct. 31	2.00kr/kg	-	Do.
Tomatoes	0701702	Nov. 1 - May 31	Free	-	Do.
Asparagus	0701751	May 1 - Nov. 14	0.25kr/kg	-	Do.
Asparagus	0701752	Nov. 15 - Apr. 30	Free	-	Do.
Honeydew and ogen melons	08091010	-	do.	-	-

Continued

# Norway: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items--Continued

Commodity	Tariff no	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Fresh vegetables--continued</u>					
Melons	080910	-	0.60kr/kg	-	Licensing, minimum price arrangement, quantitative restrictions
Other fresh vegetables	070199	-	0.80kr/kg	-	Do.
<u>Canned vegetables</u>					
Asparagus and artichokes in airtight containers	2002501	-	0.30kr/kg	-	-
Asparagus and artichokes other than in airtight containers	2002509	-	0.20kr/kg	-	-
Beans in airtight containers	2002201	-	1.40kr/kg	-	Licensing (discretionary)
Beans other than in airtight containers	2002209	-	0.20kr/kg	-	Do.
Tomato purée in airtight containers, dry wt. of tomatoes not less than 25%	2002401	-	0.70kr/kg	-	-
Olives	2002901	-	2.00kr/kg	-	-
Vegetables in airtight containers, other than peas, beans, mushrooms, tomatoes, asparagus, olives	2002906	-	1.40kr/kg	-	Licensing (discretionary)
<u>Frozen vegetables</u>					
Asparagus, artichokes, peas, and beans	0702001	-	0.50kr/kg	-	Licensing
Other frozen vegetables	0702009	-	0.80kr/kg	-	Do.
<u>Other vegetable products</u>					
Potatoes, dehydrated	0704001	-	0.80kr/kg	-	Licensing

# Norway: Food Laws

## Food Regulations

### Canned Fruits and Vegetables—Permitted Additives

Ascorbic acid and its sodium salt.

Acetic acid and its calcium salt.

Malic acid and its potassium, calcium, and sodium salts.

Thickeners, max 0.5gr/100gr, alginates, cellulose, ethers, and carrageenin to canned fruit.

Galactomannan.

Approved natural colors.

Approved artificial colors only to cocktail cherries in fruit salad and fruit cocktail (until Dec. 31, 1978).

Calcium chloride for precipitation of oxalic acid.

Lactic acid and its sodium, potassium, and calcium salts.

Mono- and disaccharides.

Pectin.

Citric acid and its sodium, potassium, and calcium salts.

Antifoam agents.

Sulphurous acid and its sodium and potassium salts, max 0.005gr/100gr.

### Permitted Preservatives

Canned fruit—sterilized in hermetically sealed containers: 50 ppm max. sulphurous acid and its sodium or potassium salts.

Dried fruit—2000 ppm max. sulphurous acid and its sodium and calcium salts (declaration required).

Potato flakes—50 ppm max. sulphurous acid and its sodium and calcium salts (declaration required).

Canned vegetables—same as for canned fruit.

### General Labeling Requirements

Net weight or volume must be declared at time of packing. Metric units must be used. The quantity in any individual container must not be less than 95 percent of the quantity declared.

Final date of consumption, after which the product is liable to noticeable deterioration, must be declared. For foods with a shelf life of more than 2 years, the final year of consumption must be declared. Date of removal must be stated on each individual can or other consumer package.

Name and address of the producer, importer, and/or packer.

Language. Norwegian, Swedish, Danish, or English may be used.

**Ingredients** must be declared in descending order or proportion by input weight of ingredient present in the final product. Specific names should be used for ingredients except for the following, where category names may be used. Fats, oils, herbs, spices, starches (except modified starches). Added water must be declared.

**Additives.** With the exception of special labeling requirements for specific food items, the following category names may be used for approved additives. Anticaking agents, antioxidants, bleaching agents, colors, emulsifiers, flavors, maturing agents, preservatives, stabilizers, thickening agents (including modified starches), and vegetable gums.

## **Plant Quarantine Regulations**

Inquiries regarding specific plant quarantine laws of Norway should be addressed to the Animal and Plant Health Inspection Service (APHIS), U.S. Department of Agriculture (see "Assistance for U.S. Exporters," p. 54).

## **NORWAY: Importers and Food Firms**

**United Nordic, Inc. AB**  
Unil A/Z  
Prinsensgt 1  
Oslo 1, Norway

*The major buying agent for the UNIL food group in Norway. Serves wholesalers supplying 7,000 retail stores. Accounts for 45 percent of food market. Supplies the Astor catering chain and Vivo group. Annual turnover is about US\$500 million.*

**Nordisk Andelsforbund (NAF)**  
Scandinavian Cooperative Society  
Axeltorv 3  
Copenhagen, Denmark

*Central buying office for Scandinavian cooperative, including NKL, in Norway. Purchases about 77,000 tons of fresh fruits and vegetables and 25,000 tons of canned goods annually. Maintains an office in the United States (Nordisk Andelsforbund California, Bank of America Center, 555 California Street, San Francisco, CA 94104).*

**Norges Kooperative Landsforening (NKL)**  
(Use NAF address for inquiries.)

*Accounts for more than 25 percent of total wholesale food purchases. Owns and operates processing and storage facilities throughout Norway. Serves 1,800 retail shops, including 700 retail societies.*

**Joh. Johansson**  
P.O. Box 130, Sentrum  
Oslo, 1, Norway

*Accounts for 25 percent of wholesale food market. Represents 11 wholesale companies and is a major institutional supplier.*

Kjøff-Kjøp A/S  
P.O. Box 1844 Vik  
Oslo, 1, Norway

*Retailer-owned purchasing agency. Accounts for 40 percent of total number of retail outlets and 25 percent of total volume.*

UNIL A/L  
P.O. Box 72 Sentrum  
Oslo, 1, Norway

*Wholesaler-owned buying agency. Member of United Nordic, Inc. AB, Stockholm.*

Gartnerhallen A/L  
P.O. Box 111  
Oslo, 5, Norway

*Farmer-owned fruit wholesaler and importer. Accounts for 30 percent of total imports of fruits and vegetables.*

Banan-Matthiessen A/S  
P.O. Box 2431 Solli  
Oslo, 2, Norway

*Large independent fruit importers.*

# Finland: Market Profile

## Population

**Size:** 4.73 million (1976 estimate).  
**Annual growth rate:** 0.3 percent (1976).  
**Distribution:** 70 percent of population lives in southern one-third of country.  
**Major cities:** Helsinki (capital, population 495,000), Tampere (166,000), Turku (163,059).

## Economy

**Gross National Product (GNP):** \$28.8 billion (1976).  
**Annual growth rate:** 7.5 percent (1976).  
**Per capita GNP:** \$6,093 (1976).  
**Official exchange rate:** 4.02 finnmk=US\$1.00 (January 1978); 3.864 Fmk=US\$1.00 (average 1976).

## Foreign Trade

**Total agricultural imports:** \$597.1 million (1976).  
**Total fruit and vegetable imports:** \$134.8 million (1976).  
**Fruit and vegetable imports from the United States:** \$15.6 million (1976).  
**Leading U.S. fruit and vegetable items:** Fresh apples, canned fruits, prunes, raisins, almonds.  
**Major competitors:** Fresh fruits—Spain, Bulgaria, EC; citrus—Israel, South Africa; canned fruit—South Africa, People's Republic of China; dried fruit—Iran, Turkey.

## Trade Policy

Fruit and vegetable items entering Finland are subject to import taxes that can go as high as 40 percent ad valorem on various products. An equalization tax is also levied on canned fruits and vegetables. Global quotas, licensing, and a prior deposit system are among the nontariff barriers.

**Finland: Imports of Selected Fruit and Vegetable Items, Calendar Year, By Country of Origin**  
[In metric tons]

Commodity and country	1973	1974	1975	1976
<b>Fresh fruits</b>				
<b>Apples</b>				
France . . . . .	11,030	14,892	10,320	9,970
Hungary . . . . .	6,401	5,535	8,830	8,783
Argentina . . . . .	694	5,522	6,654	8,672
United States . . . . .	1,793	1,888	2,094	2,499
Other countries . . . . .	15,851	16,099	20,377	29,862
Total . . . . .	35,769	43,846	48,275	59,786
<b>Pears</b>				
Italy . . . . .	8,537	6,725	5,522	4,059
Netherlands . . . . .	269	2,413	179	—
United States . . . . .	165	186	141	—
Other countries . . . . .	1,483	2,114	3,593	3,848
Total . . . . .	10,454	11,438	9,435	7,907
<b>Table grapes</b>				
Spain . . . . .	3,221	3,515	5,340	4,580
Bulgaria . . . . .	1,942	2,209	2,328	1,475
United States . . . . .	364	301	444	355
Other countries . . . . .	3,089	3,587	5,016	3,396
Total . . . . .	8,616	9,612	13,128	9,806
<b>Cherries</b>				
Hungary . . . . .	66	45	20	41
Italy . . . . .	8	29	1	77
United States . . . . .	3	4	—	17
Other countries . . . . .	4	25	35	71
Total . . . . .	81	103	56	206
<b>Peaches:</b>				
Italy . . . . .	448	694	219	1,269
Bulgaria . . . . .	128	372	776	539
Romania . . . . .	34	208	201	592
United States . . . . .	4	2	7	238
Other countries . . . . .	58	99	107	435
Total . . . . .	672	1,375	1,310	3,073
<b>Plums.</b>				
Italy . . . . .	228	718	503	1,036
Hungary . . . . .	425	594	473	689
United States . . . . .	205	124	393	235
Other countries . . . . .	293	652	637	875
Total . . . . .	1,151	2,088	2,006	2,835
<b>Fresh citrus</b>				
<b>Oranges:</b>				
Israel . . . . .	40,103	42,476	52,398	45,283
Cyprus . . . . .	7,529	6,902	642	1,682
South Africa . . . . .	3,366	6,062	4,911	3,414
United States . . . . .	40	111	76	99
Other countries . . . . .	9,270	11,270	12,043	10,353
Total . . . . .	60,308	66,821	70,070	60,732
<b>Grapefruit:</b>				
Israel . . . . .	3,340	4,359	5,601	4,848
South Africa . . . . .	660	950	1,038	872
United States . . . . .	86	9	269	—
Other countries . . . . .	164	180	221	46
Total . . . . .	4,250	5,498	7,129	5,766

Continued

**Finland: Imports of Selected Fruit and Vegetable Items, Calendar Year,  
By Country of Origin—Continued**

[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Fresh citrus—continued</u>				
Lemons				
Israel . . . . .	1,241	1,102	1,010	961
Italy . . . . .	422	841	1,423	1,537
United States . . . . .	728	411	241	286
Other countries . . . . .	1,109	1,371	1,072	1,064
Total . . . . .	3,500	3,725	3,746	3,848
<u>Canned fruits</u>				
Apricots:				
Spain . . . . .	234	143	217	258
United States . . . . .	5	7	1	—
Australia . . . . .	5	19	—	—
Other countries . . . . .	33	17	7	42
Total . . . . .	277	186	225	300
Peaches:				
United States . . . . .	562	541	985	691
Spain . . . . .	323	128	168	33
South Africa . . . . .	217	83	79	283
Other countries . . . . .	595	474	402	486
Total . . . . .	1,697	1,226	1,634	1,493
Pears:				
Italy . . . . .	73	48	70	18
United States . . . . .	5	17	2	—
People's Republic of China . . . . .	1	80	218	162
Other countries . . . . .	100	77	134	78
Total . . . . .	179	222	424	258
Pineapple:				
United States . . . . .	1,072	175	785	580
South Africa . . . . .	271	320	509	330
People's Republic of China . . . . .	170	232	673	325
Other countries . . . . .	1,176	1,009	1,076	1,006
Total . . . . .	2,689	1,736	3,043	2,241
Fruit cocktail:				
United States . . . . .	422	825	706	365
South Africa . . . . .	23	20	45	158
Other countries . . . . .	47	10	98	410
Total . . . . .	492	855	849	933
<u>Dried fruits</u>				
Apricots:				
Turkey . . . . .	24	137	89	150
Spain . . . . .	195	119	191	174
United States . . . . .	1	—	1	19
Other countries . . . . .	57	76	36	49
Total . . . . .	277	332	317	392
Dates:				
Iran . . . . .	142	297	272	256
Iraq . . . . .	88	9	48	6
United States . . . . .	32	41	34	40
Other countries . . . . .	3	5	4	9
Total . . . . .	265	352	358	311

Continued



**Finland: Imports of Selected Fruit and Vegetable Items, Calendar Year,  
By Country of Origin—Continued**

[In metric tons]

Commodity and country	1973	1974	1975	1976
<u>Dried fruits—continued</u>				
Prunes:				
United States . . . . .	1,807	2,017	3,375	3,781
Argentina . . . . .	258	65	1	133
Romania . . . . .	51	51	80	45
Other countries . . . . .	154	46	59	21
Total . . . . .	2,270	2,179	3,515	3,980
Raisins, currants:				
United States . . . . .	1,568	1,944	2,798	2,985
Greece . . . . .	304	109	167	145
Turkey . . . . .	193	146	88	174
Other countries . . . . .	590	365	453	559
Total . . . . .	2,655	2,564	3,506	3,863
<u>Tree nuts</u>				
Almonds, shelled:				
United States . . . . .	289	326	388	392
Portugal . . . . .	81	52	1	—
Other countries . . . . .	240	123	157	158
Total . . . . .	610	501	546	550
Filberts, shelled:				
Turkey . . . . .	151	181	132	288
West Germany . . . . .	30	30	38	28
United States . . . . .	—	7	—	—
Other countries . . . . .	57	37	49	40
Total . . . . .	238	255	219	356
Walnuts, in-shell:				
United States . . . . .	12	26	16	23
Other countries . . . . .	1	—	—	—
Total . . . . .	13	26	16	23
<u>Canned vegetables</u>				
Asparagus:				
Taiwan . . . . .	253	273	46	152
United States . . . . .	10	20	21	8
Other countries . . . . .	22	57	14	8
Total . . . . .	285	350	81	168
Peas:				
USSR . . . . .	4	54	—	—
Netherlands . . . . .	8	6	—	—
United States . . . . .	—	—	4	—
Other countries . . . . .	12	3	—	—
Total . . . . .	24	63	4	—

# Finland: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Fresh fruit</u>					
Apples	08061020	Dec. 10-end of Feb. Customs cleared	Free	Import tax 15 percent	Licensing, global quota of Fmk 40 million
Apples	08061060	Mar. 1-Jun. 30. Customs cleared	do.	Import tax 10 percent	Do.
Apples	08061090	Jul. 1-Dec. 9. Customs cleared	do.	Import tax 0.9m/kg	Do.
Pears	08062010	Aug. 1-Nov. 30. Customs cleared	do.	Import tax 40 percent	Do.
Pears	08062020	Dec. 1-Jul. 31.	do.	Import tax 8 percent	Do.
Table grapes	08041000	—	do.	Import tax 5 percent	Licensing, global quota
Cherries	08071010	Jan. 1-May 31. Customs cleared	do.	Import tax 0.58m/kg	Licensing
Cherries	08071050	Jun. 1-Dec. 31. Customs cleared	do.	Import tax 0.90m/kg	Do.
Peaches	08073010	Jan. 1-May 31. Customs cleared	do.	Import tax 0.58m/kg	—
Peaches	08073050	Jun. 1-Dec. 31.	do.	Import tax 0.90m/kg	Licensing, global quota
Plums	08074010	Jan. 1-May 31. Customs cleared	do.	Import tax 0.58m/kg	—
Plums	08074050	Jun. 1-Dec. 31. Customs cleared	do.	Import tax 0.90m/kg	Do.
Strawberries	08082000	—	do.	do.	Do.
<u>Fresh citrus</u>					
Oranges	08021010	Jan. 1-Jun. 30. Customs cleared	do.	Import tax 15 percent	Licensing required under global quota system and valid for 3 months only, prior deposit system

**Finland: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued**

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Fresh citrus—continued</u>					
Oranges	08021050	Jul. 1-Dec. 31. Customs cleared	Free	Import tax 40 percent	Licensing required under global quota system and valid for three months only, prior deposit system.
Grapefruit	08022000	—	do.	—	Prior deposit system
Lemons	08023000	—	do.	Import tax 0.07m/kg	Do.
<u>Canned fruits</u>					
Apricots; otherwise prepared or preserved	20065000	—	do.	Import tax 22.5 percent; equalization tax 2.6 percent	Licensing (individual) granted according to domestic requirements
Peaches otherwise prepared or preserved	20066000	—	do.	Import tax 22.5 percent	Do.
Pears otherwise prepared or preserved	20064000	—	do.	Import tax 45 percent; equalization tax 2.6 percent	Do.
Pineapple otherwise prepared or preserved	20062000	—	do.	Import tax 22.5 percent; equalization tax 2.6 percent	Do.
Mixed fruit otherwise prepared or preserved	20067000	—	do.	do.	Do.
<u>Dried fruit</u>					
Apricots	08123000	—	do.	Import tax 5 percent	—
Dates	08011000	—	do.	Import tax 0.13m/kg	—
Figs	08032000	—	do.	do.	—
Grapes	08042000	—	do.	Import tax 4 percent	—
<u>Tree nuts</u>					
Almonds	08051000	—	do.	Import tax 0.26m/kg	—

# Finland: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Tree nuts—continued</u>					
Almonds not subject to import tax <sup>1</sup>	08051000R	—	Free	—	—
Walnuts in-shell	0853100	—	do.	Import tax 0.26m/kg.	—
Walnuts shelled	0853200	—	do.	Import tax 0.39m/kg	—
Citrus juices					
Citrus juices not containing added sugar; frozen	20071010	—	do.	Import tax 30 percent; equalization tax 2.6 percent	Licensing, global quota of 2.6 million gallons, prior deposit
Citrus juices not containing added sugar, not elsewhere specified	20071010S	—	do.	Import tax 15 percent; equalization tax 2.6 percent	Licensing, quantitative restrictions
Citrus juices other than frozen, not containing sugar unfermented, not containing alcohol	20071090	—	do.	Import tax 40 percent, equalization tax 2.6 percent	Licensing, (individual) quantitative restrictions, prior deposit
<u>Fresh vegetables</u>					
Carrots	07012110	Jun. 1-Jul. 31. Customs cleared	do.	Import tax 0.20m/kg	Licensing
Carrots	07012190	Aug. 1-May 31. Customs cleared	do.	Import tax 0.09m/kg	Do.

<sup>1</sup> May be imported free of import tax, subject to conditions determined by the Government when intended for manufacture of products subject to revenue tax on sugar confectionery.

Finland: Import Duties and Nontariff Barriers For Selected Fruit and Vegetable Items—Continued

Commodity	Tariff no.	Period	Current duty rate	Additional rate	Nontariff barriers
<u>Fresh vegetables—continued</u>					
Tomatoes	07017050	May 1-Jul. 31. Customs cleared	Free	Import tax 1.40m/kg	Licensing
Tomatoes	07017080	Aug. 1-Apr. 30.	do.	Import tax 0.69m/kg	Do.
Asparagus	07017500	—	do.	Import tax 1.3m/kg	—
Salad vegetables, fresh or chilled	0701851	Apr. 1-Jun. 30. Customs cleared	do.	Import tax 1.0m/kg	Do.
Salad vegetables, fresh or chilled	0701859	Jul. 1-Mar. 31. Customs cleared	do.	Import tax 0.60m/kg	Do.
Vegetables, fresh or chilled, not elsewhere specified	07019060	Mar. 1-Jun. 30. Customs cleared	do.	Import tax 1.0m/kg	Do.
Vegetables, fresh or chilled, not elsewhere specified	07019090	Jul. 1-end of Feb. Customs cleared	do.	Import tax 0.60m/kg	Do.
<u>Canned vegetables</u>					
Asparagus, preserved by vinegar or acetic acid	20011520	—	do.	Import tax 15 percent; equalization tax 2.6 percent	—
Asparagus, preserved other than by vinegar or acetic acid	20025000	—	do.	do.	—
Beans, preserved other than by vinegar or acetic acid	20022000	—	Free	Import tax 0.9m/kg; equalization tax 2.6 percent	—
Peas, preserved other than by vinegar or acetic acid	20021000	—	do.	Import tax 0.6m/kg; equalization tax 2.6 percent	Licensing (individual) granted in accordance with domestic requirements

# Finland: Food Laws

## Maximum Pesticide Residue Tolerances on Fresh Fruits and Vegetables

Commodity	Chemical	Max residue tolerance
Apples: <sup>1</sup>	Diphenylamine:	0.0005 percent
	Etocsicine	0.0003 percent
	OPP	0.001 percent
	Wax	0.6 percent
	Ethion	1.0 ppm
	DDT	2.0 ppm
	Parathion	1.0 ppm
Pears:	Alkaline cooper carbonate	0.0003 percent
	Etocsicine	0.0003 percent
	OPP	0.001 percent
	Wax	0.6 percent
	Ethion, parathion	1.0 ppm
Citrus:	Diphenyl	0.007 percent
	OPP	0.001 percent
	TBZ	0.001 percent
	Paraffin, wax	0.6 percent
General:	Aldrin	0.1 ppm except 0.05 ppm in carrots
	Dieldrin	0.1 ppm except 0.05 ppm in carrots
	Ethion	0.5 ppm
	DDT	1.0 ppm
	Lindane	1.0 ppm

<sup>1</sup> Benomyl not listed as permitted, but importer may be granted permission by the Finnish National Board of Trade and Consumer Interests.

## Approved Additives for Selected Food Groups

Food group	Additive	Special conditions
Fruit, canned or quick frozen, with added sugar	Pectin	1.5 percent max.
	Sulphurous acid and its salts of Ca, K, and Na	200 ppm max
	Erythrosine E 127	To canned cherries as used in fruit cocktail only: 150 mg/kg max.
	Fast green FCF ES 11	50 mg/kg max.
	Tartrazine E 102	200 mg/kg max.
Fruit juice, flavored juice, pasteurized, hermetically sealed, natural and artificial	Benzoic acid	1,500 ppm max.
	P-hydroxybenzoic acid esters and their salts of K and Na	1,000 ppm max.
	Sulphurous acid and its salts of Ca, K, and Na	800 ppm max.
	SO <sub>2</sub>	As a residue from solution used for cleaning container: 20 ppm max May not be colored.
Citrus juice, pasteurized or chemically preserved, hermetically sealed	Alginate, CMC Pectin	0.2 percent max. May be colored.
Dried fruit	Sulphurous acid and its salts of Ca, K, and Na	2,000 ppm max.
	Sorbic acid and its salts of Na and K	100 ppm max.
Vegetables, pasteurized or chemically preserved, hermetically sealed	Alginate, CMC, carrageenin, carob gum, pectin	0.5 percent max.
	Sulphurous acid and its salts of Ca, K, and Na:	800 ppm max.
	Benzoic acid.	2,000 ppm max.
	P-hydroxybenzoic acid esters and their salts of Na, and K:	1,000 ppm max.
	Sorbic acid and its salts of Na and K:	1,000 ppm max.
Vegetables, quick frozen	Starch, as such and hydrolyzed and physically modified	2.0 percent max.
	Alginate, CMC, carrageenin, carob gum, pectin	0.5 percent max.
	Sulphurous acid and its salts of Ca, K, and Na:	800 ppm max.

## General Labeling Requirements

1. Name of the product.
2. Name of the packer or producer and address of place of packing.
3. Net weight of volume at time of packing.
4. Language: Finnish, Swedish, or language commonly used in international trade, unless otherwise specified.
5. Fresh fruit and vegetables (not deep frozen) sold in transparent or open retail packs are exempt.

### FINLAND: Importers and Food Firms

Tukkukauppojen Oy (TUKO)  
(Fruit Department)  
Panimokatu 1  
005 00 Helsinki 50, Finland

(Dried and canned)  
Hameenkylä  
016 30 Vantaa 63/01

*Importer and buyer for Finnish independent wholesalers. TUKO serves 2,800 shops, mostly using the "T" sign. The "T" marketing system includes three voluntary chains—A&O, Spar, and TR; some department stores, and the Astor catering chain. Market share covered is 30 percent of the total and annual turnover is about \$800 million.*

Kesko Oy  
Satamakatu 3  
001 60 Helsinki, Finland

*Central wholesale company owned by 3,100 "K" retail stores. The "K" stores account for about 30 percent of retail fruit sales.*

Keskusosuusliike (OTK)  
Hämeentie 19  
005 00 Helsinki 50, Finland

*OTK is a major cooperative central society acting as the importer and distributor for 2,156 retail outlets. Major importer of all fruit and vegetable items. Purchasing member of Nordisk Andelsförbund.*

Suomen Osuuskauppojen Keksuskunta (SOK)  
Vilhonkatu 7  
001 00 Helsinki 10, Finland

*Finnish Cooperative Wholesale Society. SOK serves 150 department stores and 3,500 retail food shops. Also a purchasing member of Nordisk Andelsförbund.*



# Assistance for U.S. Exporters

## U.S. Department of Agriculture

### *Foreign Agricultural Service (FAS)*

Agricultural Attaché  
American Embassy, Stockholm (also covers Finland)  
Strandvagen 101  
Telephone: 630-520

Agricultural Attaché  
American Embassy, Copenhagen (also covers Norway)  
Dag Hammarskjolds Alle 24  
Telephone: 123-144

*... assists in carrying out various promotional programs such as point-of-purchase and hotel food shows for new products as well as for those established on the market. Maintains close contact with trade associations, foreign ministries of agriculture, and present and potential importers of agricultural products, and can advise on the country's import regulations, trade barriers, and food laws.*

Fruit and Vegetable Division, Foreign Market Development  
Washington, D.C. 20250  
Telephone: (202) 447-7931

*... administers a variety of market development activities designed to assist U.S. fresh and processed fruit and vegetable exporters to promote their products in overseas markets. In 1977, some 17 different fruit and vegetable groups were represented in these programs. In addition, the maintenance and improvement of foreign-market access for various products is an important area of activity.*

Export Trade Services Division  
Washington, D.C. 20250  
Telephone: (202) 447-6343

*... provides a full range of services for U.S. exporters of agricultural products, including the Trade Opportunity Referral Service, product testing, label clearance, taste testing in foreign countries, trade exhibits, food shows, and point-of-purchase promotions.*

### *Science and Education Administration (SEA)*

Transportation and Packing Research Laboratory  
Beltsville, Maryland 20705  
Telephone: (301) 344-2815

Market Quality and Transportation Research Laboratory  
2021 South Peach Avenue  
Fresno, California 93727  
Telephone: (209) 487-5334

Transportation and Packing Research Laboratory  
3706 West Nob Hill Boulevard  
Yakima, Washington 98902  
Telephone: (509) 248-5341

U.S. Horticultural Research Laboratory  
2120 Camden Road  
Orlando, Florida 32803  
Telephone: (305) 898-6791

European Marketing Research Center  
38 Marconistraat  
Rotterdam, Netherlands  
Telephone: 010 76 55 38  
Telex: 26649 USARS N1

*... conducts research on transport equipment and techniques, environmental control (refrigeration), packaging related to shipping of U.S. horticultural products to export markets.*

### *Animal & Plant Health Inspection Service (APHIS)*

Plant Protection and Quarantine Programs  
Hyattsville, Maryland  
Telephone: (301) 436-8247

*... provides guidance on foreign plant quarantine regulations, inspects fruit and vegetable shipments for export, and issues phytosanitary certificates to meet entry requirements of the importing country.*

### *Economics, Statistics, and Cooperatives Service (ESCS)*

Washington, D.C. 20250  
Telephone: (202) 447-8870

*... concentrates on problems and opportunities unique to farmer cooperatives. Conducts research studies directed toward analyzing export opportunities of cooperatives and the technical aspects of their export operations. Assists cooperatives, both individually and by group, to develop new export programs or improve existing programs.*

## U.S. Department of State

Commercial Officer  
American Embassy  
Helsinki  
Itäinen Puistotie 14A  
APO New York 09664

Commercial Officer/Agricultural Officer  
American Embassy  
Oslo, Norway  
Drammensveien 18  
Telephone: 56-68-80

*... specializes in export promotion, arranging appointments with local business and Government officials; can advise on local market conditions, sales opportunities, and the laws and regulations of the country.*

## U.S. Cargo Service to the Scandinavian Area

### Surface

American Export Lines, Inc.  
17 Battery Place  
New York, New York 10004  
Telephone: (212) 482-8000  
*(Containers, mini-bridge to East Coast)*

Sea-Land Service, Inc.  
P.O. Box 900  
Edison, New Jersey 08817  
Telephone: (201) 494-2500  
*(Containers, refrigeration, mini-bridge to Gulf Coast)*

United States Lines, Inc.  
One Broadway  
New York, New York 10004  
Telephone: (212) 344-5800  
*(Containers, refrigeration, all water service, or mini-bridge to East Coast)*

### Air

Seaboard World Airlines  
JFK International Airport  
Jamaica, New York 11430  
Telephone: (212) 632-7648  
*(Charter and custom service)*

